Transactions of the

ROYAL SOCIETY OF SOUTH AUSTRALIA

Incorporated

Vol. 99, 1975

Per
Q93
R635

CONTENTS, VOL. 99, 1975

PART 1, 28 FEBRUARY

Kott, Patricia The Ascidians of South Australia III. Northern Sector of the Great Australian Bight and Additional Records - - - 1

Buonaiuto, M. F. Notes on the Genus *Pseudomalaxis* Fischer (Mollusca: Gastropoda) and its Fossil Species in Australia - - - - 21

Gradwell, N. The Clinging Mechanism of *Pseudophryne bibroni* (Anura: Leptodactylidae) to an Alga on Glass - - - - - 31

Schmitt, L. H. Genetic Evidence for the Existence of Two Separate Populations of *Rattus fuscipes greyii* on Pearson Island, South Australia - 35

Mawson, Patricia M. Two New Species of the Genus *Cloacina* (Nematoda: Strongylida) from the Tammar, *Macropus eugenii* - - - 39

Bullock, D. A. The General Water Circulation of Spencer Gulf, South Australia, in the period February to May - - - - - - 43

PART 2, 31 MAY

Christophel, D. C., and Blackburn, D. T. A New Procedure for Mounting Cleared Leaves Using Polyester Resin - - - - - 55

Womersley, H. B. S., and Conway, Elsie *Porphyra* and *Porphyropsis* (Rhodophyta) in Southern Australia - - - - - - - 59

Smith, Meredith J. The Vertebrae of Four Australian Elapid Snakes - - 71

Tyler, M. J. The Ontogeny of the Vocal Sac of the Australian Leptodactylid Frog *Limnodynastes tasmaniensis* - - - - - - 85

Dodson, J. R. The Pre-Settlement Vegetation of the Mt Gambier Area, South Australia - - - - - - - - - - 89

Tyler, M. J., and Martin, A. A. Australian Leptodactylid Frogs of the *Cyclorana australis* Complex - - - - - - - 93

PART 3, 30 AUGUST

Mahoney, J. A. The Identity and Status of Thomas' "Lectotype" of *Leporillus apicalis* (Gould, 1853) [Rodentia: Muridae] - - - - 101

Barker, S. Revision of the Genus *Astraeus* Laporte & Gory (Coleoptera: Buprestidae) - - - - - - - - - - 105

Beck, R. G. Factors affecting the Distribution of the Leptodactylid Frog *Geocrinia laevis* in the South-East of South Australia - - 143

Edelstein, T., and Womersley, H. B. S. The Thallus and Spore Development of *Lobospira bicuspidata* Areschoug (Dictyotales: Phaeophyta) - 149

PART 4, 30 NOVEMBER

Watson, Jeanette E. Hydroids of Bruny Island, Southern Tasmania - - - 157

Maconochie, J. R. Shoot and Foliage Production of Five Shrub Species of *Acacia* and *Hakea* in a Dry Sclerophyll Forest - - - 177

Dulhunty, J. A. Shoreline Shingle Terraces and Prehistoric Fillings of Lake Eyre 183

Latz, P. K. Notes on the Relict Palm *Livistona mariae* F. Muell. in Central Australia - - - - - - - - - - - 189

Twidale, C. R., and Bourne, Jennifer A. Geomorphological Evolution of Part of the Eastern Mount Lofty Ranges, South Australia - - 197

Haslett, P. G. Woodendinna Dolomite and Wirrapowie Limestone—Two New Lower Cambrian Formations, Flinders Ranges, South Australia 211

Womersley, H. B. S., and Cartledge, Sally A. The Southern Australian Species of *Spyridia* (Ceramiaceae: Rhodophyta) - - - - - 221

Obituary—Graham Frederic Whitten, M.Sc. - - - - - - - 235

Annual Report of Council, 1974-75 - - - - - - - - 237

Award of the Sir Joseph Verco Medal - - - - - - - - 238

Balance Sheet - - - - - - - - - - - - 239